Postdoctoral positions available in neurophysiology

Two NIH-funded appointments are available to study the neural mechanisms underlying attention and decision-making using cutting-edge neural probes capable of recording from massive numbers of neurons simultaneously (specialty modified Neuropixels for primate use: Primatepixels). The positions are part of a larger effort to investigate the neural basis of value and attention and to develop cognitive neuroprosthetics through a collaboration between Dr. Tirin Moore (Stanford University), Dr. Krishna Shenoy (Stanford University), and Dr. Joni Wallis (U.C. Berkeley). One position is available at Stanford and one at Berkeley. This is part of a new NIH BRAIN award.

Our research uses sophisticated behavioral paradigms combined with the latest recording systems and advances in real-time neural decoding, which enables the simultaneous monitoring of large numbers of individual neurons, and neural-dependent sensory feedback, in the awake, behaving macaque. Further information regarding the research performed in our labs can be found on the following websites: https://www.moorelabstanford.com (Moore lab), https://shenoy.people.stanford.edu (Shenoy lab), http://www.wallislab.org (Wallis lab).

Candidates are expected to have strong work ethic, excellent organizational and communication skills, software and experimental skills, and critical thinking abilities. Candidates must have a Ph.D., and those with a background in neuroscience, bio/neuro/electrical engineering, or psychology are particularly encouraged to apply. Experience with MATLAB is desirable. Salary is commensurate with experience, within the postdoctoral salary range of each institution.

To apply for the position, please send a cover letter and curriculum vita to wallislab.apply@gmail.com. In your cover letter, please indicate how you found out about this job advertisement.

Stanford University and The University of California are Equal Opportunity/Affirmative Action Employers with strong institutional commitments to the achievement of diversity among its faculty and staff.